

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590 10/05/2004

Harness, Dickey and Pierce, P.L.C.

P.O. Box 828

Bloomfield Hills, MI 48303

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Paul A. Keller

(Depositor's name)

(Signature)

(Date)

December 16, 2004

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
|-----------------|-------------|----------------------|---------------------|------------------|

10/631,372

07/31/2003

Peter Berkman

1322-000157

2140

TITLE OF INVENTION: FROST FREE VALVE ASSEMBLY

12/21/2004 WASFAW2 00000085 10631372

01 FC:1501  
02 FC:1504  
03 FC:8001

1400.00 OP  
300.00 OP  
30.00 OP

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE                 | PUBLICATION FEE | TOTAL FEE(S) DUE          | DATE DUE   |
|----------------|--------------|---------------------------|-----------------|---------------------------|------------|
| nonprovisional | NO           | \$1370 1400 <sup>00</sup> | \$300           | \$1670 1700 <sup>00</sup> | 01/05/2005 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|----------|----------|----------------|
|----------|----------|----------------|

LEE, KEVIN L

3753

137-614200

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Harness, Dickey

1 &amp; Pierce, P.L.C.

2

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

B &amp; K Industries

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

2600 Elmhurst Road - Elk Grove Village, Illinois 60007

Dated: July 31, 2003

Reel 014362; Frames 0468-0471

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date December 16, 2004

Typed or printed name Paul A. Keller

Registration No. 29752

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 1730

## Complete if Known

|                      |                       |
|----------------------|-----------------------|
| Application Number   | 10/631,372            |
| Filing Date          | July 31, 2003         |
| First Named Inventor | Peter Berkman, et al. |
| Examiner Name        | Kevin L. Lee          |
| Art Unit             | 3753                  |
| Attorney Docket No.  | 1322-000157           |

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:Deposit  
Account  
Number

08-0750

Deposit  
Account  
Name

Harness, Dickey &amp; Pierce, P.L.C.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) or any underpayment of fees under 37 CFR 1.16 and 1.17  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 790      | 2001         | 395      | Utility filing fee     |          |
| 1002         | 350      | 2002         | 175      | Design filing fee      |          |
| 1003         | 550      | 2003         | 275      | Plant filing fee       |          |
| 1004         | 790      | 2004         | 395      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |
| SUBTOTAL (1) |          |              |          |                        | (\$ ) 0  |

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

|                    |  |        |   |   |   |                |   |   |          |
|--------------------|--|--------|---|---|---|----------------|---|---|----------|
| Total Claims       |  | -20 ** | = | 0 | X | Fee from below | = | 0 | Fee Paid |
| Independent Claims |  | -3 **  | = | 0 | X |                | = | 0 |          |
| Multiple Dependent |  |        |   |   | X |                | = | 0 |          |

| Large Entity |          | Small Entity |          | Fee Description  |
|--------------|----------|--------------|----------|--|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |
| 1202         | 50       | 2202         | 25       | Claims in excess of 20                                     |
| 1201         | 200      | 2201         | 100      | Independent claims in excess of 3                          |
| 1203         | 360      | 2203         | 180      | Multiple dependent claim, if not paid                      |
| 1204         | 200      | 2204         | 100      | ** Reissue independent claims over original patent         |
| 1205         | 50       | 2205         | 25       | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ ) 0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Large Entity  |          | Small Entity |          | Fee Description  | Fee Paid |
|---|----------|--------------|----------|--|----------|
| Fee Code  | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1051  | 130      | 2051         | 65       | Surcharge - late filing fee or oath  |          |
| 1052  | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053  | 130      | 1053         | 130      | Non-English specification  |          |
| 1812  | 2,520    | 1812         | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804  | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805  | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251  | 120      | 2251         | 60       | Extension for reply within first month                                     |          |
| 1252  | 450      | 2252         | 225      | Extension for reply within second month                                    |          |
| 1253  | 1020     | 2253         | 510      | Extension for reply within third month                                     |          |
| 1254  | 1590     | 2254         | 795      | Extension for reply within fourth month                                    |          |
| 1255  | 2160     | 2255         | 1080     | Extension for reply within fifth month                                     |          |
| 1401  | 500      | 2401         | 250      | Notice of Appeal   |          |
| 1402  | 500      | 2402         | 250      | Filing a brief in support of an appeal                                     |          |
| 1403  | 1000     | 2403         | 500      | Request for oral hearing   |          |
| 1451  | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452  | 500      | 2452         | 250      | Petition to revive - unavoidable   |          |
| 1453  | 1500     | 2453         | 750      | Petition to revive - unintentional   |          |
| 1501  | 1400     | 2501         | 700      | Utility issue fee (or reissue)   | 1400.    |
| 1502  | 800      | 2502         | 400      | Design issue fee   |          |
| 1503  | 1100     | 2503         | 550      | Plant issue fee  |          |
| 1460  | 130      | 1460         | 130      | Petitions to the Commissioner  |          |
| 1807  | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17 (q)                                       |          |
| 1806  | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021  | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809  | 790      | 2809         | 395      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810  | 790      | 2810         | 395      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801  | 790      | 2801         | 395      | Request for Continued Examination (RCE)                                    |          |
| 1802  | 900      | 1802         | 900      | Request for expedited examination of a design application                  |          |
| Other fee (specify) Publication Fee and Patent Copies |          |              |          |  | 330.     |

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 1730

## SUBMITTED BY

Name (Print/Type)

Paul A. Keller

Registration No. (Attorney/Agent)

29752

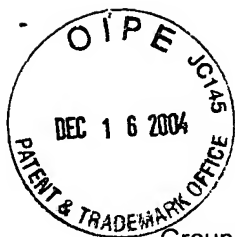
Telephone

(248) 641-1600

Signature

Date

December 16, 2004



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit 3753 )  
Examiner: Kevin L. Lee )  
Inventor: Peter Berkman, et al. )  
Serial No. 10/631,372 )  
Filed: July 31, 2003 )  
For: Frost Free Valve Assembly )  
System And Method )  
(as amended) )

CERTIFICATE OF MAILING  
ISSUE FEE

Notice of Allowance  
Dated: October 5, 2004

Mail Stop ISSUE FEE  
Commissioner For Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This is to certify that the Issue Fee Transmittal Form PTOL-85 (Rev. 09-04) in the above-identified application, duly executed, together with a check in the amount of \$1,730.00 (Issue Fee \$1,400.00, Publication Fee \$300.00, and 10 advance copies \$30.00) are being deposited along with this Certificate with the United States Postal Service via Express Mail #EV 570 163 463 US in an envelope with sufficient postage addressed to: Director of Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450 on December 16, 2004.

The Commissioner is hereby authorized to charge any fee insufficiencies to our Deposit Account No. 08-0750 or credit any over payments to that deposit account. A duplicate copy of this Certificate is enclosed.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.  
Attorneys for Applicant

P. O. Box 828  
Bloomfield Hills, MI. 48303  
(248) 641-1600

By:

Paul A. Keller  
Reg. No. 29752

Dated: December 16, 2004

Docket No. 1322-000157  
PAK/so

EV 570 163 463 US